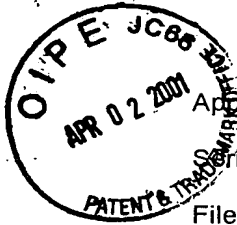


2621

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Michel et al

Serial No.: 09/574,900

Filed: May 19, 2000

For: PICTURE PROCESSING METHOD  
AND APPARATUS

Case No.: 9792909-4876

Group Art Unit: 2721

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Assistant Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: March 30, 2001

*Paula M. Theismann*  
Paula M. Theismann

*3-30-01*  
Date

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is a Revocation and Power of Attorney in the above-identified patent application.

Also enclosed are: Copy of Recorded Assignment  
Return Receipt Postcard

Applicant's former counsel, Limbach & Limbach, has gone out of business, and forwarding of mail has been sporadic, at best. If any correspondence has been issued since January 1, 2001, please forward a copy to us as we cannot guarantee that it has been received by applicant, or applicant's current or former counsel.

The Commissioner is hereby authorized to charge any additional fees required, as well as any patent application processing fees associated with this communication for which full payment has not been tendered, to Deposit Account No. 19-3140. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

SONNENSCHN NATH &amp; ROSENTHAL

SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station  
Sears Tower  
Chicago, Illinois 60606-1080  
Telephone: (312) 876-8000

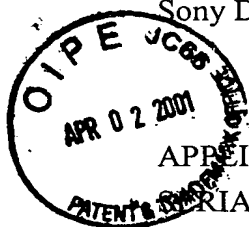
By:

*David R. Metzger*  
David R. Metzger  
Registration No. 32,919

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Our Docket No: 09792909.4876  
Sony Docket No: S00P0591US00

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6/Prop P.A.  
may  
5/13/04

APPLICANTS: Xavier Michel, et al.  
SERIAL NO: 09/574,900  
FILED: May 19, 2000  
TITLE: PICTURE PROCESSING METHOD AND APPARATUS  
AU: 2721

Assist. Commissioner of Patents  
Washington, D.C. 20231

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REVOCATION AND POWER OF ATTORNEY

Dear Sir:

SONY CORPORATION, a Japanese Corporation, having a place of business at 7-35,  
Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan and owner of the above-  
referenced patent application, hereby revokes all former appointments of powers of attorney  
and hereby appoints the following attorneys to transact all business in the United States  
Patent and Trademark Office connected herewith:

Thomas J. Burton, Reg. No. P-47,464  
Brian J. Gill, Reg. No. 46,727  
Gregory Gulliver, Reg. No. 44,138  
John F. Griffith, Reg. No. 44,137  
Kevin W. Guynn, Reg. No. 29,927  
Jennifer Hammond, Reg. No. 41,814  
Lana Knedlik, Reg. No. 42,748  
Michael L. Kiklis, Reg. No. 38,939  
Eric N. Kohli, Reg. No. 43,726  
Joseph A. Mahoney, Reg. No. 38,956  
David R. Metzger, Reg. No. 32,919

Michael A. Molano, Reg. No. 39,777  
Christopher P. Raush, Reg. No. 45,034  
Howard B. Rockman, Reg. No. 22,190  
Francisco Rubio-Campos, Reg. No. 45,358  
Marina N. Saito, Reg. No. 42,121  
Alison P. Schwartz, Reg. No. 43,863  
Jordan A. Sigale, Reg. No. 39,028  
Janelle D. Strobe, Reg. No. 34,738  
Vincent Tassinari, Reg. No. 42,179  
Shashank S. Upadhye  
Jeffrey Wheeler, Reg. No. 39,066

of the firm:

SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station - Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000 telephone  
(312) 876-7934 facsimile

to which all correspondence is to be directed.

The undersigned hereby states that I am empowered to sign this Revocation and Power of Attorney on behalf of SONY CORPORATION and certify that an assignment of the subject application to SONY CORPORATION was recorded with the United States Patent and Trademark Office on August 29, 2000 at Reel/Frame 011080/0655; that I have reviewed all the documents in the chain of title in the subject application and to the best of my knowledge and belief, title is in the name of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application.

Signature: Yujiro Yamanaka Date: Mar. 19, 2001

Name: Yujiro Yamanaka  
(Print)

Title: Manager of Legal & Intellectual Property Dept.



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 10 2000

PTAS

LIMBACH & LIMBACH L.L.P.  
CHARLES P. SAMMIT *mmm*  
2001 FERRY BUILDING  
SAN FRANCISCO, CALIFORNIA 94111



\*101464683A\*

*SONY-T0591*

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LIMBACH & LIMBACH L.L.P.

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/29/2000

REEL/FRAME: 011080/0655  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MICHEL, XAVIER

DOC DATE: 08/07/2000

ASSIGNOR:  
UEDA, KAZUHIKO

DOC DATE: 08/07/2000

ASSIGNOR:  
OOMORI, SHIRO

DOC DATE: 08/08/2000

ASSIGNEE:  
SONY CORPORATION  
7-35, KITASHINAGAWA 6-CHOME  
SHINAGAWA-KU, TOKYO 141-0001, JAPAN

SERIAL NUMBER: 09574900  
PATENT NUMBER:

FILING DATE: 05/19/2000  
ISSUE DATE:

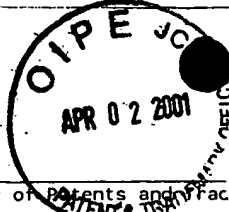
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TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



09-21-2000



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101464683

To the Commissioner of Patents and Trademarks

and documents or copy thereof.

1. Name of conveying party(ies):

XAVIER MICHEL, KAZUHIKO UEDA and SHIRO OOMORI

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
Execution Date: August 7, 2000 and August 8, 2000

2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address: \_\_\_\_\_

Street Address: 7-35, Kitashinagawa 6-Chome

City, State and Zip: Shinagawa-ku, Tokyo, 141-0001 JAPAN

Additional Name(s) & address(es) attached?

☐ Yes ☒ No

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. 09/574,900  
B. Filed: May 19, 2000

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles P. Sammut

Internal Address: Limbach & Limbach L.L.P.  
Street Address: 2001 Ferry Building  
City, State, ZIP: San Francisco, California 94111  
Telephone: (415) 433-4150  
Facsimile: (415) 433-8716

Attorney Docket No. SONY-T0591

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☒ Enclosed  
☒ Charge any deficiencies in the enclosed fee to  
Deposit Account No. 12-1420  
☐ Authorized to be charged to deposit account

8. Deposit account number: 12-1420

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles P. Sammut, Reg. No. 28,901  
Name of Person Signing

[Signature]  
Signature

August 22, 2000  
Date

09/21/2000 MTHA11 00000107 09574900

Total number of pages including cover sheet, attachments and document: 3

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## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in  
PICTURE PROCESSING METHOD AND APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/574,900, Filing Date: 05/19/2000.

This assignment executed on the dates indicated below.

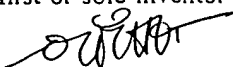
XAVIER MICHEL

Name of first or sole inventor

Execution date of U.S. Patent Application

TOKYO, JAPAN

Residence of first or sole inventor



2000/08/07

Signature of first or sole inventor

Date of this assignment

KAZUHIKO UEDA

Name of second inventor

Execution date of U.S. Patent Application

KANAGAWA, JAPAN

Residence of second inventor

*Kazuhiko Ueda**August 7, 2000*

Signature of second inventor

Date of this assignment

SHIRO OOMORI

Name of third inventor

Execution date of U.S. Patent Application

KANAGAWA, JAPAN

Residence of third inventor

*Shiro Oomori**August 8, 2000*

Signature of third inventor

Date of this assignment

Name of fourth inventor

Execution date of U.S. Patent Application

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment